<u> </u>										Sheet	1 of 3	
	1 <b>PTO 1449</b> 7-80	)	U.S. Department of C Patent and Trademark		CO		Atty. Docket No. CH-7771/STA-208	Atty. Docket No. Serial No. 10/46/4				13G
			RIOR ART CITED BY	APPLIC			Applicant					
		(Use	Several Sheets If Nec	essary)			Stephan Kirchmeye	Stephan Kirchmeyer et al				
			_			Herewith				Group ZSII		
					U.S.	PATE	NT DOCUMENTS					
	AMINER NITIAL		DOCUMENT NUM	DATE		NAME	NAME		SUBCLASS	SUBCLASS FILING DATE IF APPRO- PRIATE		
	Vu.		4,435,548		03/06/84		Tomalia et al	omalia et al 525		451		
	<del> </del>	AB	4,507,466		03/26/85		Tomalia et al	Fomalia et al 5		332		
	+	AC	4,631,337		12/23	/86	Tomalia et al	4	528	391	11	
	<b></b>	AD	5,070,183		12/03	/91	Kim	4	528	397		
	-	AE	5,145,930		09/08	/92	Kim	4	528	4		
	<del>                                     </del>	AF	5,183,862		02/02	/93	Figuly	4	525	437		
	<del> </del>	AG	5,225,522	2		/93	Turner et al	4	528	361		
	-	AH	5,264,543		11/23/93		Kim	<u> </u>	528	331		
		AL	5,270,402			/93	Figuly	4	525	440	-	
	.,	A.	5,346.984		09/13	/94	Hasegawa	4	528	323	11	
L	<u>V</u> v.	AK	6,025,462		02/15		Wang et al		528	377	77	
				FC	KEIG	N PA	TENT DOCUMENTS	<u> </u>	T			
		DO	CUMENT NUMBER	DATE			COUNTRY		CLASS	SUBCLASS	TRANSI Yes	ATION
Via	AL	02/26	859	04/04/02		World			_	-		
	AM											
	AN											
	AO											
	AP											
			OTHER PRIOR	ART	(Inclu	ding A	uthor, Title, Date, Pe	ertin	ent Pages,	Etc.)		
			Nature, Vol. 401, 14 October 1999, H. Sirringhaus et al., "Two-dimensional charge transport in s								n self-	
Vy.	AR		organized, high-mobility conjugated polymers <sup>a</sup> , pgs. 685-688									
<b>.,</b>			Science, Vol 290, 15 December 2000, H. Sirringhaus et al., "High-Resolution Inkjet Printing of All-Polymer Transistor Circuits", Pgs. 2123-2126									f All-
<b> </b>	AS		Science Vol 390	12 Incu	IITS", P	gs. 21	tograted Octobio	-ic	Davises B	and an Cari		lah.
<u></u>	AT		Science, Vol. 280, 12 June 1998, "Integrated Optoelectronic Devices Based on Conjugated Polymers", age, 1741, 1744									Oly-
	AT mers", pgs. 1741-1744  EXAMINER DATE CONSIDERED 01/03/D(											

EXAMINER Initial if references considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.

HUNG

VU

01/03/05

Form Rev. 7		F OF P	U.S. Department of Co Patent and Trademark RIOR ART CITED BY A Several Sheets If Nece	Office VPPLICANT	т.	Atty. Docket No.  CH-7771/STA-208  Applicant Stephan Kirchmeyer et al  Filling Date Herewith  Group  ZSI  Group  ZSI  Group  ZSI						
U.S. PATENT DOCUMENTS												
EXAMINER INITIAL DOCUMENT NUMBER DATE						NAME	CLASS	SUBCLASS   FILIN		RO-		
V.		AA.	6,384,172		5/07/02	Dvornic et al	528	15				
		AB							1			
		AC	·			<del></del>	<del>                                     </del>					
		AD										
		AE					1		<del> </del>			
		AF				_/		<del> </del>				
		AG					1					
<u> </u>		AH		<del></del>								
<u> </u>		AI _		$\overline{}$					+			
		AJ AK						<del>                                     </del>	<del>                                     </del>			
						ENT DOCUMENTS	3					
		DOCUMENT NUMBER DATE			T	COUNTRY	CLASS	SUBCLASS	TRANSLATION			
								<del> </del>	Yes No*			
	AL					·						
	AM			`			1-					
	AN											
	AO											
	AP			<u> </u>		7m- D-4- D	- tin and Dagge	[ [ ]	il			
			OTHER PRIOR	R ART (Ir	ncluding A	uthor, Title, Date, Po Number 2, February	4000 U E V	stretch "c.	Dibovid			
	AR	$\vdash$	Chemistry of Mate	A Secon	d Thin File	m Single-Crystal Org	nanic Semicor	ductor", pas.	457-459			
<u>₩</u>	~\\\					lable) (1999), R. Az						
Vn	AS	$\vdash \vdash \vdash$	Alkylated Olicothic	ophenes'	nos 544	1806) (1888), R. AZ	unn et an., 1111	ornai Donavio				
اشنا	70		Alkylated Oligothiophenes", pgs. 544-545 Science, Vol. 290, 3 November 2000, J. H. Schön et al., "A Light-Emitting Field-Effect Transistor"									
Vu	AT		Pgs. 963-965									
EXA	VINER	Н	UNG VU			DATE CONSIDER	כ ען זיס	10-				
EXAI not c	EXAMINER Initial if references considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.											

Form PTO 1449 U.S. Department of Commerce						Atty. Docket No. Serial No. 1							
Rev. 7-80 Paterit and Trademark Office						CH-7771/STA-208	Serial No. To Be Assigned 10/661, 4:36						
LIST OF PRIOR ART CITED BY APPLICANT						Applicant	<u></u>	-10-00 7638gn80	, , ,				
		(Use	Several Sheets If Nec	еввагу)		Stephan Kirchmeyer	et al						
						Filing Date		Group 0.6					
Щ.			<del></del>		DATEN		Herewith 281						
EX	EXAMINER U.S. PATENT DOCUMENTS												
INITIAL			DOCUMENT NUM	IBER (	DATE	NAME	CLASS	SUBCLASS   FILING I					
AA								7	K16				
		АВ							<del>                                     </del>				
		AC											
		AD											
		AE	ļ										
		AF	<u> </u>										
		AG			$ \angle $								
		AH		_/			ļ						
				$\leftarrow$		<del></del>		ļ					
		AJ						ļ					
		AK					<u> </u>	<u> </u>					
				FORE	GN PATI	ENT DOCUMENTS			·				
		DO	CUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TRANSLATION				
					<del> </del>				Yes No*				
	AL								<u> </u>	<u></u>			
	AM							ļ.,					
	AN												
	AO				ļ					<u> </u>			
	AP									1			
			OTHER PRIOR	R ART (Incl	uding Aut	hor, Title, Date, Per	tinent Pages	, Etc.)					
			Science, Vol. 298	1 Novemb	er 2002,	Science's Compass	, Retraction,	J. H. Schön e	t al., pgs				
1	AR		961-965										
		<u> </u>	Chem. Mater (me	onth unavai	lable) 19	98, 10, H.E. Katz et	al "Synthes	is. Solubility.	and Field	1-			
. ,	AS		Effect Mobility of E	longated a	nd Oxa-S	Substituted α-ώ-Dial	kyl Thiophen	e Oligomers.	Extension	on .			
V			of "Polar Intermed	iate" Synth	etic Strat	egy and Solution De	position on 1	Fransistor Sub	strates".	pas.			
_			633-638				•		·				
		Advances in Dendritic Macromolecules, Vol 2, (month unavailable) 1995, L. J. Mathais et al.,											
72	AT		"Silicon-Based Sta	ers, Dendrir	ners, and	Hyperbranched Po	lymers", pas	. 101-121		-			
EXA	MINER	11:	JNG VU			DATE CONSIDERED							
ΕΥΔΙ	MINED INH		J. U. Q	ether or not of	ation is in a	onformance with MPEP			onforman	n nod			
not c	onsidered.	<u>Include</u>	copy of this form with	next communi	cation to ap	plicant.	oos. Diawillib t	inough it flot iil C		y allQ			

Neither English Language Equivalent nor an English Language Translation is available.

Form PTO 1449  U.S. Department of Commerce  Rev. 7-80  Patent and Trademark Office  UST OF PRIOR ART CITED BY APPLICANT  (Use Several Sheets If Necessary)							Atty. Docket No. Serial No. CH-7771/STA-208 10/661,4-36 Applicant					
/	/01	Logarapagna Su	eets IT Nec	essary)			Stephan Kirchmeyer et al Filing Date Group					
$\sqcup \!$	A440 ÷				_		September 12, 2003		Group 281	<u> </u>		
(3	PYAK Z	9 2004 🚓			US	PATE	NT DOCUMENTS					
L EX	MINER	T IS			0.3.	77.5	41 DOCOMENTS	······································		FILING	DATE	
1.	RADI	DOCUM	MENT NUM	BER	DA	ATE	NAME	CLASS	SUBCLASS	IF AP	PRO- ATE	
									<del>                                     </del>	<b>PR</b>	AIE	
		AA										
		AB										
		AC			_							
		AD							<del>-  </del>			
		AE						·	<del></del>	<del></del>		
										<del></del>		
		AF						·	<del></del>			
		AG							<del>-</del>	<del></del>		
<b></b> -		AH	·						ļ			
		Al	_/					<del></del>				
		AJ										
		AK										
				FC	REIG	N PAT	ENT DOCUMENTS					
		DOCUMENT NUMBER			DATE		COUNTRY	CLASS	SUBCLASS	TRANSL	ATION	
Vn								_	<del></del>	Yes	No*	
- S	AL	01/59030		08/16/01 V		World						
	АМ											
	AN							1				
	AO							1				
								<del> </del>	-			
	AP	OTHE	R PRIOR	ART	(Inclu	dina Aı	uthor, Title, Date, Pertir	ent Pages	Ftc.)		لــــــا	
		KIM, Y.H	. ET AL:	"HYPE	RBR	ANCH	ED POLYPHENYLENE	S" MACRO	OMOLECULE	S, AMER	ICAN	
7	AR	CHEMIC	AL SOCI	ETY. E	AST	ON, US	, Bd. 25, Nr. 21, 12. O	tober 1992	2 (1992-10-12	), Seiten	5561-	
		5572, XP	0003154	27 ISS	N: 00	24-929	7 *Seite 5562, Spalte	1 - Seite 55	70, Spalte 1*	<u> </u>		
	AS	CONJUG	ATED P	OLYME	ERS"	HAND	BOOK OF ADVANCE	ECTRICAL, AND OPTICAL PROPERTIES OF				
V2		CONJUGATED POLYMERS" HANDBOOK OF ADVANCED ELECTRONIC AND PHOTONIC MATERIALS AND DEVICES, XX, XX, Bd. 8, 2001, Seiten 1-102, XP001029240 *das ganze										
		Dokumer	nt*									
	AT				-					<del></del>		
EXA	MINER	HUNG	<b>√</b> ∪				DATE CONSIDERED	nula a	0			
EXA	MINER Initia			ther or	not cita	tlon is in	conformance with MPEP 60	○い03/ 9: Draw line t		onformance	and	
EXAMINER Initial if references considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.											<del>-</del>	

Neither English Language Equivalent nor an English Language Translation is available.